

RAW SEQUENCE LISTING

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Application Serial Number: 10/537,614
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/537,614

DATE: 06/14/2005
TIME: 09:08:58

Input Set : A:\LeA 36 493.ST25.txt
Output Set: N:\CRF4\06142005\J537614.raw

3 <110> APPLICANT: Bayer HealthCare AG
 4 Golz, Stefan
 5 Markova, Svetlana
 6 Burakova, Ludmila
 7 Frank, Ludmila
 8 Vysotski, Eugene
 10 <120> TITLE OF INVENTION: ISOLATED FLUORESCENT PROTEIN FROM CLYTIA GREGARIA (CGFP) AND
 USE
 11 THEREOF
 13 <130> FILE REFERENCE: LeA 36 493
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/537,614
 C--> 15 <141> CURRENT FILING DATE: 2005-06-03
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/013281
 16 <151> PRIOR FILING DATE: 2003-11-26
 18 <150> PRIOR APPLICATION NUMBER: DE 102 57 354.9
 19 <151> PRIOR FILING DATE: 2002-12-09
 21 <160> NUMBER OF SEQ ID NOS: 2
 23 <170> SOFTWARE: PatentIn version 3.3
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 708
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Clytia gregaria
 30 <400> SEQUENCE: 1
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 33 ttggaaggag acgttgaagg aatgaaattc atcatcaaag gtgaaggtag tggcagcgt 120
 35 actactggca ccatcaaagc gaaatatatt tgcacaactg gtgacccttc tgtaccatgg 180
 37 gctaccatct ttagtagttt gtcgtatgg gtttctgtt tcgctaagta tccacgcccac 240
 39 attgccact tttcaagag cacacaacca gatggttatt cacaagacag aatcattagt 300
 41 tttgacaatg atggacaata cgatgtcaaa gccaaggta cttatgaaaa cgaaacactt 360
 43 tataatagag tcacagtcaa aggtactggc ttcaaatcaa acggcaacat ccttggat 420
 45 agagttctct accattcacc accacacgct gtctacatcc ttccctgaccc taaaaatggt 480
 47 ggcattaaaa ttgaatacaa taaggcttgc gacgttatgg gcgggtggca ccaaatggcg 540
 49 cgtcacgccc aattcaataa accactagga gcctggaaag aagattatcc gttgtatcat 600
 51 catcttaccg tatggacttc ttccggaaaa gatccggatg atgatgaaac tgaccatttg 660
 53 accatcgtcg aagtcatcaa agctgttgc ttggaaacat accgttga 708
 56 <210> SEQ ID NO: 2
 57 <211> LENGTH: 235
 58 <212> TYPE: PRT
 59 <213> ORGANISM: Clytia gregaria
 61 <400> SEQUENCE: 2
 63 Met Thr Ala Leu Thr Glu Gly Ala Lys Leu Phe Glu Lys Glu Ile Pro
 64 1 5 10 15
 67 Tyr Ile Thr Glu Leu Glu Gly Asp Val Glu Gly Met Lys Phe Ile Ile
 68 20 25 30

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71 Lys Gly Glu Gly Thr Gly Asp Ala Thr Thr Gly Thr Ile Lys Ala Lys
72 35 40 45
75 Tyr Ile Cys Thr Thr Gly Asp Leu Pro Val Pro Trp Ala Thr Ile Leu
76 50 55 60
79 Ser Ser Leu Ser Tyr Gly Val Phe Cys Phe Ala Lys Tyr Pro Arg His
80 65 70 75 80
83 Ile Ala Asp Phe Phe Lys Ser Thr Gln Pro Asp Gly Tyr Ser Gln Asp
84 85 90 95
87 Arg Ile Ile Ser Phe Asp Asn Asp Gly Gln Tyr Asp Val Lys Ala Lys
88 100 105 110
91 Val Thr Tyr Glu Asn Gly Thr Leu Tyr Asn Arg Val Thr Val Lys Gly
92 115 120 125
95 Thr Gly Phe Lys Ser Asn Gly Asn Ile Leu Gly Met Arg Val Leu Tyr
96 130 135 140
99 His Ser Pro Pro His Ala Val Tyr Ile Leu Pro Asp Arg Lys Asn Gly
100 145 150 155 160
103 Gly Met Lys Ile Glu Tyr Asn Lys Ala Phe Asp Val Met Gly Gly Gly
104 165 170 175
107 His Gln Met Ala Arg His Ala Gln Phe Asn Lys Pro Leu Gly Ala Trp
108 180 185 190
111 Glu Glu Asp Tyr Pro Leu Tyr His His Leu Thr Val Trp Thr Ser Phe
112 195 200 205
115 Gly Lys Asp Pro Asp Asp Asp Glu Thr Asp His Leu Thr Ile Val Glu
116 210 215 220
119 Val Ile Lys Ala Val Asp Leu Glu Thr Tyr Arg
120 225 230 235

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/537,614

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Input Set : A:\LeA 36 493.ST25.txt
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L:15 M:270 C: Current Application Number differs, Replaced Current Application No
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date